

Release notes for ENDF/B Development dec-087_Fr_214m1
evaluation

ENDF
B-VII.dev

October 13, 2016

• fizcon Errors:

1. At least one gamma ray needed for given source mode
MAT=3345, MF= 8, MT=457 (1): Need gamma ray

```

ERROR(S) FOUND IN MAT=3345, MF= 8, MT=457
  GAMMA RAY NEEDED, SOURCE MODE=    4
  GAMMA RAY NEEDED, SOURCE MODE=    4
  GAMMA RAY NEEDED, SOURCE MODE=    4
  GAMMA RAY NEEDED, SOURCE MODE=    4
... [3 more lines]

```

2. Energies released in decay not adding up!
MAT=3345, MF= 8, MT=457 (2): Bad energy sum

```

ERROR(S) FOUND IN MAT=3345, MF= 8, MT=457
  TOTAL ENERGY RELEASE SUMUP FAILURE
    WHOLE= 8.71100E+06  SUM= 8.66355E+06

```

3. Energies released in decay not adding up!
MAT=3345, MF= 8, MT=457 (3): Bad energy sum

```

ERROR(S) FOUND IN MAT=3345, MF= 8, MT=457
  PARTICLE ENERGY (AE) SUMUP FAILURE
    WHOLE= 8.66041E+06  SUM= 8.50151E+06
                                SEQUENCE NUMBER    2

```

4. Energies released in decay not adding up!
MAT=3345, MF= 8, MT=457 (4): Bad energy sum

```

ERROR(S) FOUND IN MAT=3345, MF= 8, MT=457
  ALPHA MULTIPLICITY SUMUP FAILURE
    WHOLE= 1.00000E+00  SUM= 1.00150E+00

```

5. Energies released in decay not adding up!
MAT=3345, MF= 8, MT=457 (5): Bad energy sum

```

ERROR(S) FOUND IN MAT=3345, MF= 8, MT=457
  ALPHA AVERAGE ENERGY SUMUP FAILURE
    WHOLE= 8.50151E+06  SUM= 8.66355E+06

```